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Substitute for form 1449A/PTO JUL 23 2002 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
Application Number			10/022,276		
Filing Date			December 14, 2001		
First Named Inventor			Gosselin, <i>et al.</i>		
Group Art Unit			1623		
Examiner Name			L. Eric Crane		
Attorney Docket Number			06171.105005 (NOV 1000CON)		
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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		Office ³	Number	Kind Code ² (if known)				
Me	DA	WO	96/11204	A1	Matthes et al.	04-18-1996		
Me	DB	EP	0 352 248	A1	Medivir Aktiebolag	01-24-1990		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
Me	DC	ARNER and ERIKSSON, "Mammalian Deoxyribonucleoside Kinases," <i>Pharm. Ther.</i> , 1995, 67(2), 155-186.		
	DD	BERK et al., "A Genetically Distinct Tymidine Kinase in Mammalian Mitochondria," <i>J Biol Chem</i> , 1973, 248, 2722-2729. (Issue No. 8, 04/25/73).		
	DE	BESTWICK et al., "Selective Expansion of Mitochondrial Nucleoside Triphosphate Pools in Antimetabolite-treated HeLa Cells," <i>J Biol Chem</i> , 1982, 257, 9300-9304. (No. 6; 8/25/82).		
Me	DF	BRIDGES et al., "Characterization of a dCTP Transport Activity Reconstituted from Human Mitochondria," <i>J. Biol. Chem</i> , February 19, 1999, 274(8), 4620-4625.		

! Month of publication data could not be determined from the copy supplied.

Examiner Signature	L. E. Crane <i>LE Crane</i>	Date Considered	09/16/02
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Me	DG	BRIDGES et al., "Identification of a novel mitochondrial dNTP carrier and its interaction with anti-HIV nucleoside analogs," <i>Proc. Am. Assoc. Cancer Res.</i> , March 1997, 38, Abstr. No. 414, p. 62			62
Me	DH	BRIDGES et al., "Inhibition of Mammalian DNA Polymerase-Associated 3' to 5' Exonuclease Activity by 5'-Monophosphates of 3'-Azido-3'-Deoxythymine and 3'-Amino-3'-Deoxythymidine," <i>Biochemical Pharmacology</i> , 1993, 45(8), 1571-1576.			
	DI	CHARIOT et al., "Zidovudine-induced mitochondrial disorder with massive liver steatosis myopathy, lactic acidosis, and mitochondrial DNA depletion," <i>J. Hepatology</i> , 1999, 30, 156-160.			
	DJ	CHANG et al., "Biochemical Pharmacology of (+)- and (-)-2',3'-Dideoxy-3'-thiacytidine as Anti-hepatitis B Virus Agents," <i>J Biol Chem</i> , November 5, 1992, 267(31), 22414-22420.			
	DK	CHEN et al., "Characterization of Pyrimidine Deoxyribonucleoside Kinase (Thymidine Kinase) and Thymidylate Kinase as a Multifunctional Enzyme in Cells Transformed by Herpes Simplex Virus Type 1 and in Cells Infected with Mutant Strains of Herpes Simplex Virus," <i>J Virol</i> , June 1979, 30, 942-945.			
	DL	CHEN et al., "Delayed Cytotoxicity and Selective Loss of Mitochondrial DNA in Cells Treated with the Anti-human Immunodeficiency Virus Compound 2',3'-Dideoxycytidine," <i>J Biol Chem</i> , 1989, 264, 11934-11937. (Issue No. 20; July 15, 1989).			
	DM	CHEN et al., "The Role of Cytoplasmic Deoxycytidine Kinase in the Mitochondrial Effects of the Anti-human Immunodeficiency Virus Compound 2',3'-Dideoxycytine," <i>J Biol Chem</i> , February 15, 1992, 267(5), 2856-2859.			
	DN	CUI et al., "Effect of Nucleoside Analogs on Neurite Regeneration and Mitochondrial DNA Synthesis in PC-12 Cells," <i>J. of Pharmacology and Experimental Therapeutics</i> , 1997, 280(3), 1228-1234.			
	DO	DAVIS et al., "In Situ Localization of Mitochondrial DNA Replication in Intact Mammalian Cells," <i>J Cell Biol</i> , 1996, 135, 883-893. (Issue No. 4; November, 1996).			
Me	DP	DOONG et al., "Inhibition of the replication of hepatitis B virus in vitro by 2',3'-dideoxy-3'-thiacytidine and related analogues," <i>Proc. Natl. Acad. Sci.</i> , October 1991, 88, 8495-8499.			

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				Group Art Unit	1623
				Examiner Name	L. Eric Crane
Sheet	3	of	4	Attorney Docket Number	06171.105005 (NOV 1000CON)

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Jce	DQ	DUTSCHMAN et al., "Metabolism of 2',3'-dideoxy-2',3'-didehydro-β-L-(-)-5-Fluorocytidine and Its Activity in Combination with Clinically Approved Anti-Humna Immunodeficiency Virus β-D-(+) Nucleoside Analogs In Vitro," <i>Antimicrobial Agents and Chemotherapy</i> , July 1998, 42(7), 1799-1804.		
	DR	HERNANDEZ-SANTIAGO et al., "Pharmacology of β-L-Thymidine and β-L-2'-Deoxycytidine in HepG2 Cell and Primary Human Hepatocytes: Relevance to Chemotherapeutic Efficacy against Hepatitis B Virus," <i>Antimicrobial Agents and Chemotherapy</i> , June 2002, 46(6), 1728-1733.		
	DS	JUROVČIK and HOLY "Metabolism of pyrimidine L-nucleosides," <i>Nucleic Acids Research</i> , August 1976, 3(8), 2143-2153.		
	DT !	KRAYEVSKY and CHERNOV, "Can a Substrate Enantiomer Be a Substrate for the Same Enzyme?," <i>Molecular Biology</i> , 1996, 30(5), 585-591.		
	DU !	KRAYEVSKY and CHERNOV, "Should the Asymmetric of Enzymatic Active Centers Always Correlate with the Asymmetry of their Substrates?," <i>J. of Bionolecular Structure & Dynamics</i> , 1996, 14(2), 225-230.		
	DV !	LABENZ et al., "Analysis of the TK Enzyme Complex Induced by HSV Types 1 and 2 by Means of Isoelectric Focusing and Polyacrylamide Gel Electrophoresis," <i>Arch Virol</i> , 1982, 71, 235-249.		
	DW !	LIN et al., "Synthesis and Biological Evaluation of 2',3'-Dideoxy-L-pyrimidine Nucleosides as Potential Antiviral Agents against HIV and HBV," <i>J. Med. Chem</i> , 1994, 97, 798-803. (Issue No. 6)		
	DX	PAN-ZHOU et al., "Differential Effects of Antiretroviral Nucleoside Analogs on Mitochondrial Function in HepG2 Cells," <i>Antimicrobial Agents and Chemotherapy</i> , March 2000, 44(3), 496-503.		
	DY	PLACIDI et al., "Cellular pharmacology of β-L-thymidine and β-L-2'-deoxycytidine in HepG2 cells and primary rat, monkey and human hepatocytes," 3 rd Int. Conf. Ther. Vir. Hepatitis, abstr. A122, 1999 [Antivir. Ther. 4, Suppl. 4]. (December 12-16, 1999).		
Jce	DZ !	SODERLUND and ARNER, "Mitochondrial versus Cytosolic Activities of Deoxyribonucleoside Salvage Enzymes," <i>Purine and Pyrimidine Metabolism in Man VIII</i> , A.Shota & M. Taylor (ed.), Plenum Press, New York, 1995, 201-204.		

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STATEMENT BY APPLICANT**

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Sheet

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<i>Me</i>	FA	6,297,222	B1	von Borstel et al.	10-02-2001	

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<i>Me</i>	FB	WO	89/03838	A1	Pro-neuron, Inc.	05-05-1989		
<i>Me</i>	FC	EP	0 355 131	B1	Pro-neuron, Inc.	09-04-1996		

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